# INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/014329

			2003/014329
	CATION OF SUBJECT MATTER (2006.01), <b>F25B41/06</b> (2006.01)		
According to Int	ernational Patent Classification (IPC) or to both nation	al classification and IPC	
B. FIELDS SE	ARCHED		
	nentation searched (classification system followed by c. (2006.01), <b>F25B41/06</b> (2006.01)	lassification symbols)	
Jitsuyo Kokai J:		itsuyo Shinan Toroku Koho oroku Jitsuyo Shinan Koho	1996-2005 1994-2005
	date sometimes during the international section (mains of	data base and, where practicable, seafer to	allis usealy
-	VTS CONSIDERED TO BE RELEVANT		T
Category*	Citation of document, with indication, where a		Relevant to claim No.
x	Microfilm of the specification annexed to the request of Jap Model Application No. 90489/1 No. 202070/1982) (Diesel Kiki Co., Ltd.), 22 December, 1982 (22.12.82), Page 2, lines 12 to 20; page lines 12 to 16; Fig. 1 (Family: none)  JP 4-251164 A (Toshiba Corp. 07 September, 1992 (07.09.92), Par. Nos. [0043], [0047]; Fig. (Family: none)	panese Utility 1981(Laid-open , 4,	1-3
Further do	cuments are listed in the continuation of Box C.	See patent family annex.	· ·
* Special categories of cited documents:  "A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier application or patent but published on or after the international filing date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  "&" document member of the same patent family	
Date of the actual completion of the international search 20 October, 2005 (20.10.05)		Date of mailing of the international search report 01 November, 2005 (01.11.05)	
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer	
Facsimile No. Form PCT/ISA/21	0 (second sheet) (April 2005)	Telephone No.	

#### 国際調査報告

A. 発明の属する分野の分類(国際特許分類(IPC)) Int.Cl.<sup>7</sup> **F25B5/02** (2006.01), **F25B41/06** (2006.01)

### B. 調査を行った分野

調査を行った最小限資料(国際特許分類(IPC))

Int.Cl.7 F25B5/02 (2006.01), F25B41/06 (2006.01)

### 最小限資料以外の資料で調査を行った分野に含まれるもの

日本国実用新案公報

1922-1996年

日本国公開実用新案公報

1971-2005年

日本国実用新案登録公報

1996-2005年

日本国登録実用新案公報

1994-2005年

国際調査で使用した電子データベース(データベースの名称、調査に使用した用語)

C.	関連すると認められる文献
$\sim$ .	

引用文献の カテゴリー*	引用文献名 及び一部の箇所が関連するときは、その関連する箇所の表示	関連する 請求の範囲の番号
Х	日本国実用新案登録出願 56-90489 号(日本国実用新案登録出願公開 57-202070 号)の願書に添付した明細書及び図面の内容を撮影したマ イクロフィルム(デーゼル機器株式会社)1982.12.22 第2頁第12-20行、第4頁第12-16行、第1図(ファミリーなし)	1-3
X	JP 4-251164 A (株式会社東芝) 1992.09.07 段落【0043】、【0047】、第9図(ファミリーなし)	1-3

# □ C欄の続きにも文献が列挙されている。

## パテントファミリーに関する別紙を参照。

#### \* 引用文献のカテゴリー

- 「A」特に関連のある文献ではなく、一般的技術水準を示す もの
- 「E」国際出願日前の出願または特許であるが、国際出願日 以後に公表されたもの
- 「L」優先権主張に疑義を提起する文献又は他の文献の発行 日若しくは他の特別な理由を確立するために引用す る文献(理由を付す)
- 「O」ロ頭による開示、使用、展示等に言及する文献
- 「P」国際出願日前で、かつ優先権の主張の基礎となる出願

#### の日の後に公表された文献

- 「T」国際出願日又は優先日後に公表された文献であって 出願と矛盾するものではなく、発明の原理又は理論 の理解のために引用するもの
- 「X」特に関連のある文献であって、当該文献のみで発明 の新規性又は進歩性がないと考えられるもの
- 「Y」特に関連のある文献であって、当該文献と他の1以 上の文献との、当業者にとって自明である組合せに よって進歩性がないと考えられるもの
- 「&」同一パテントファミリー文献

### 国際調査を完了した日

20. 10. 2005

01.11.2005

国際調査機関の名称及びあて先

日本国特許庁 (ISA/JP) 郵便番号100-8915 東京都千代田区霞が関三丁目4番3号 特許庁審査官(権限のある職員)

3M | 3332

神崎 孝之

国際調査報告の発送日

電話番号 03-3581-1101 内線 3377

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/014329

A. CLASSIFICATION OF SUBJECT MATTER F25B5/02 (2006.01), F25B41/06 (2006.01)					
According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SE.					
Minimum documentation searched (classification system followed by classification symbols)  F25B5/02 (2006.01), F25B41/06 (2006.01)					
Documentation so Jitsuyo Kokai Ji	1996-2005 1994-2005				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)					
C. DOCUMEN	TS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where app	propriate, of the relevant passages	Relevant to claim No.		
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Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer			
Facsimile No. Form PCT/ISA/2	10 (second sheet) (April 2005)	Telephone No.			